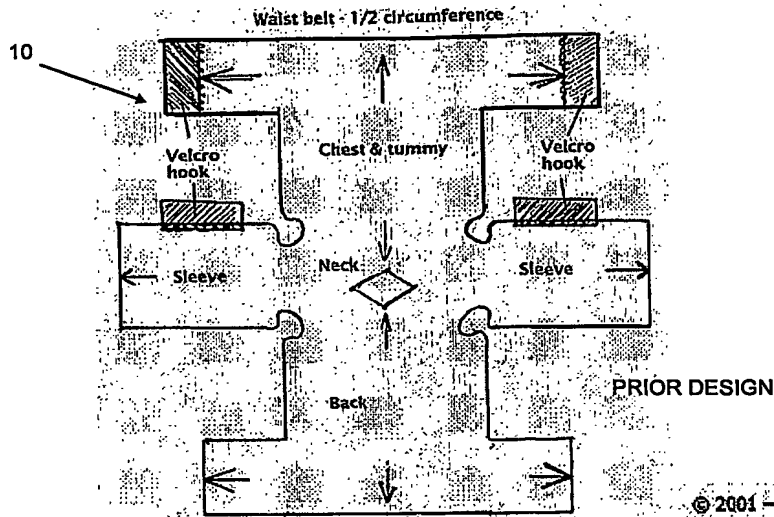


FIG. 1



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FIG. 2A

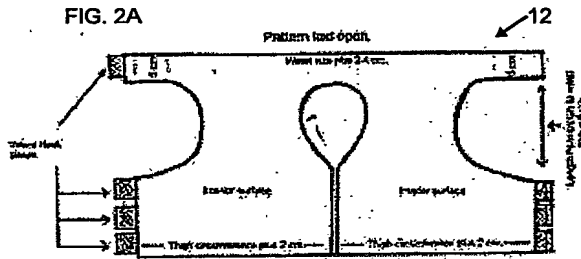


Figure 3. Cusick's Shi-Shi Pants,

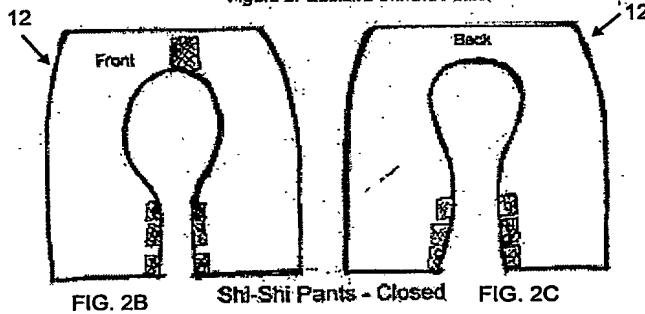


FIG. 2B

Shi-Shi Pants - Closed

FIG. 2C

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PRIOR DESIGN



FIG. 3

FIG. 4

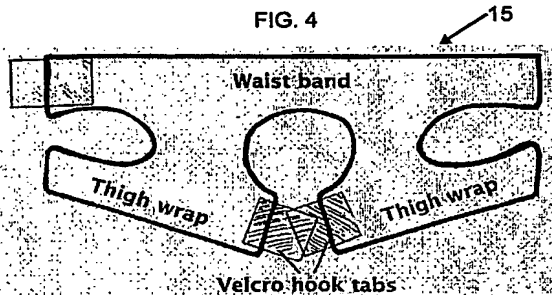
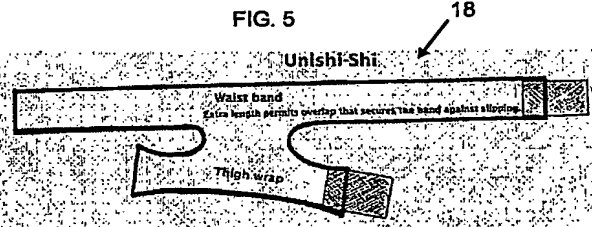
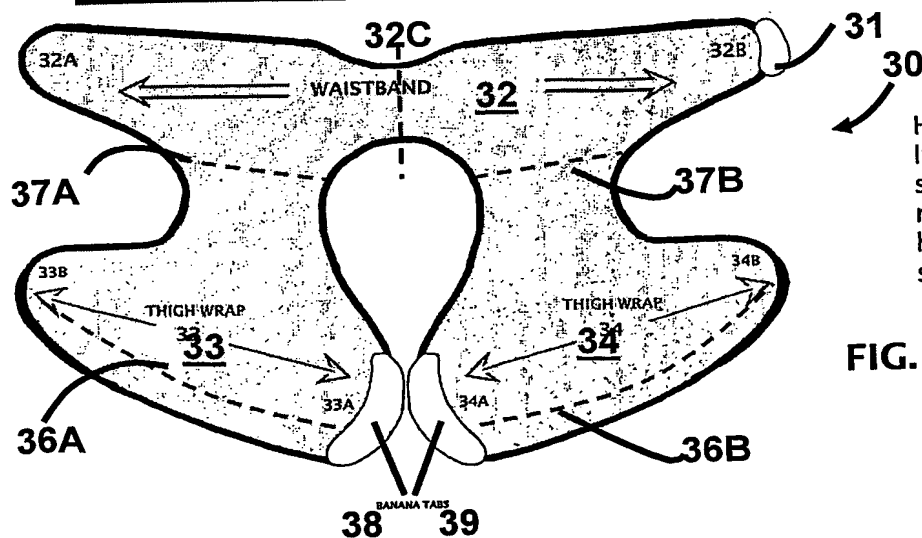
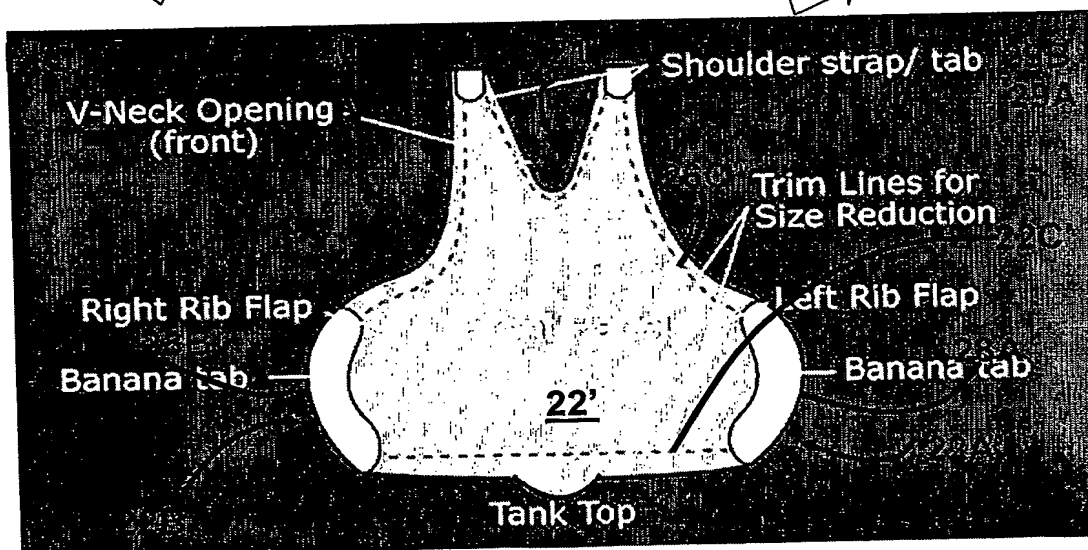
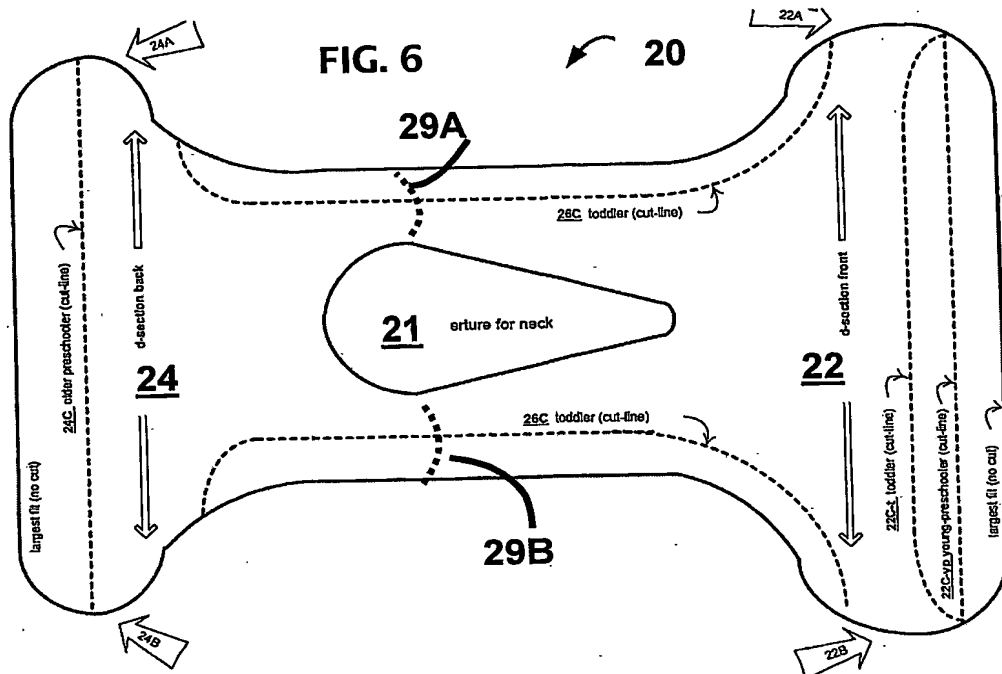


FIG. 5



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diagram.doc

PRIOR DESIGNS



Hipster 30 with banana tabs. If a stronger releasable securing mechanism is needed, the banana tabs can have a central region with a stronger-acting hook tape.

FIG. 8

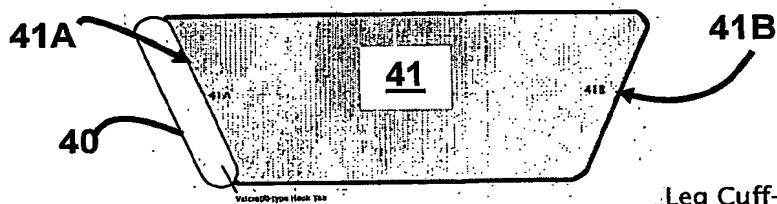


FIG. 9

Leg Cuff—thinner & more-elongated arm

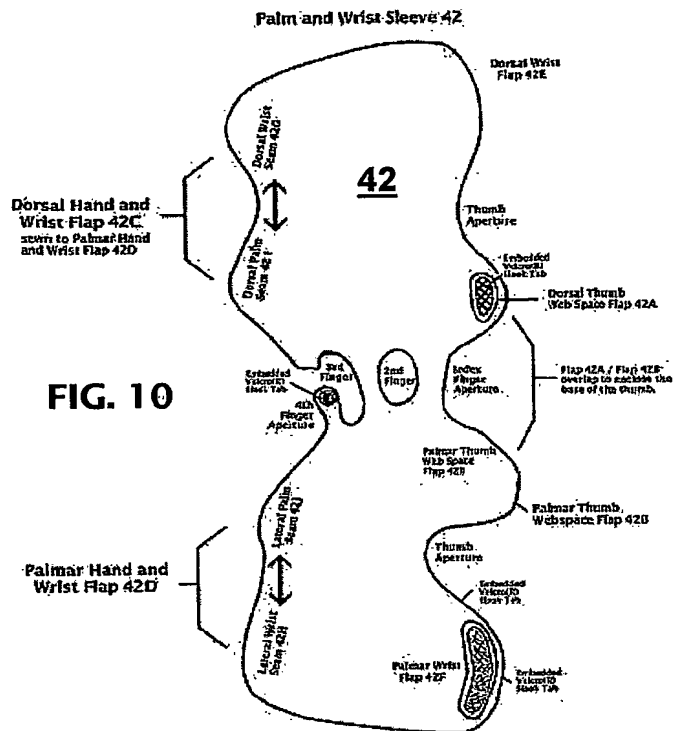


FIG. 10

Palm and Wrist Sleeve

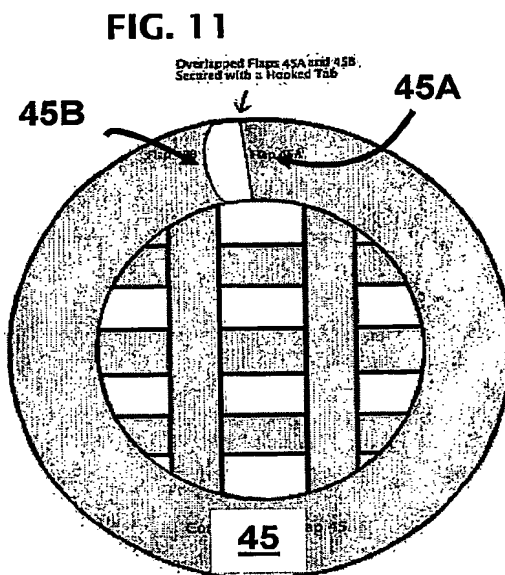


FIG. 11

Compression cap

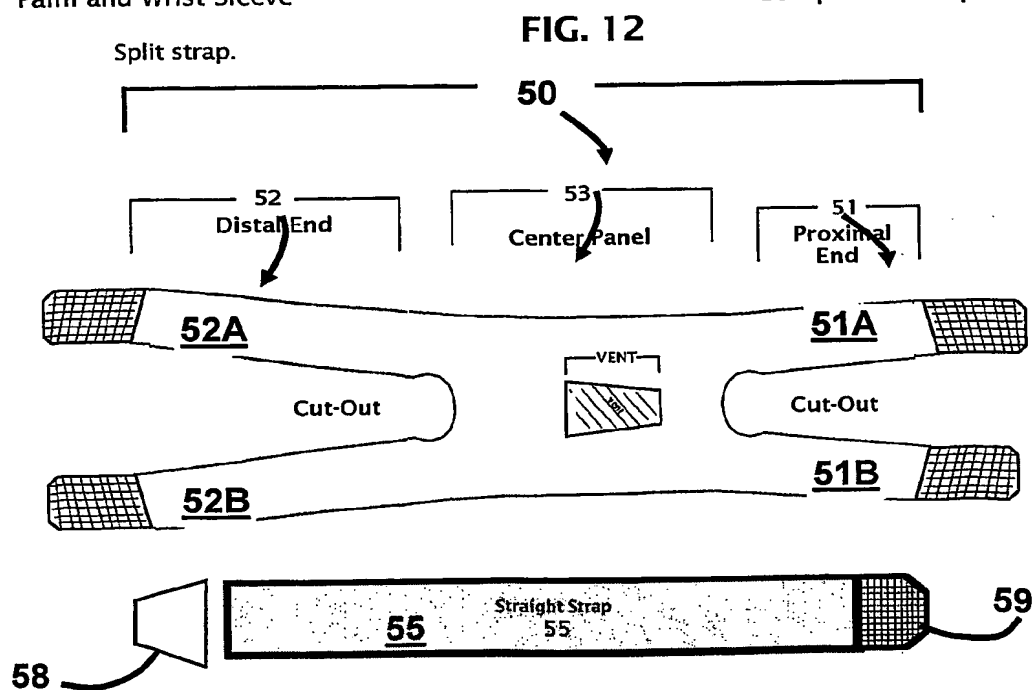


FIG. 12

FIG. 13

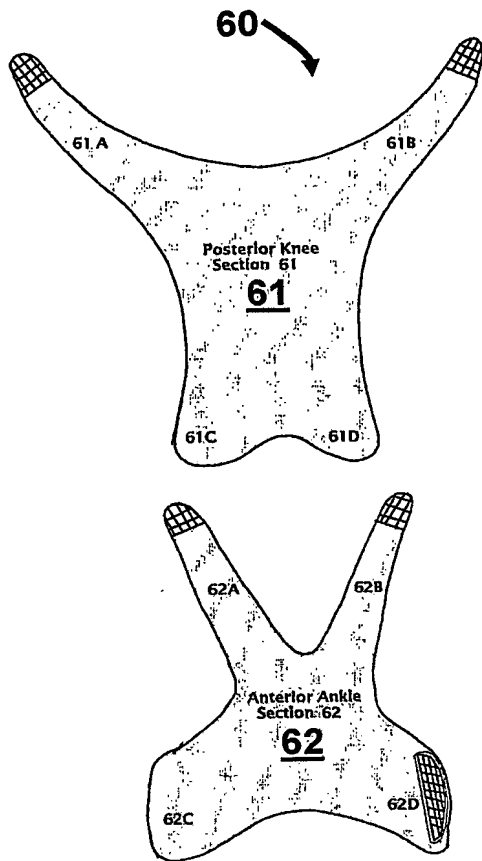


FIG. 14

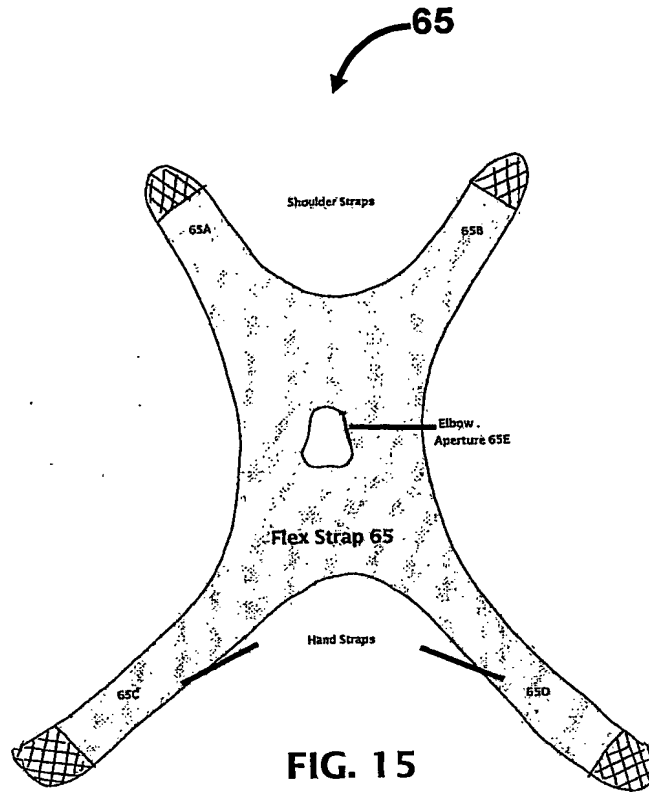
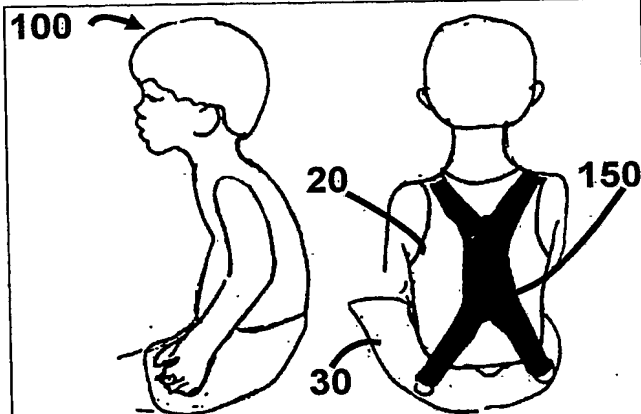


FIG. 15



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FIG. 16A (no straps) and 16B Split Strap for Paraspinal Extension

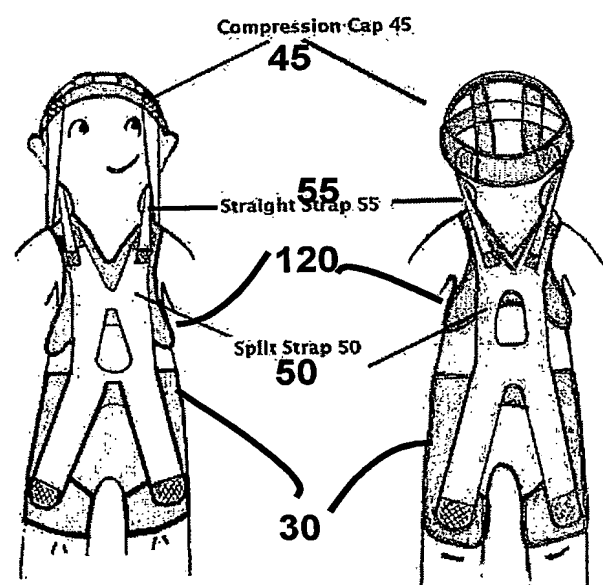
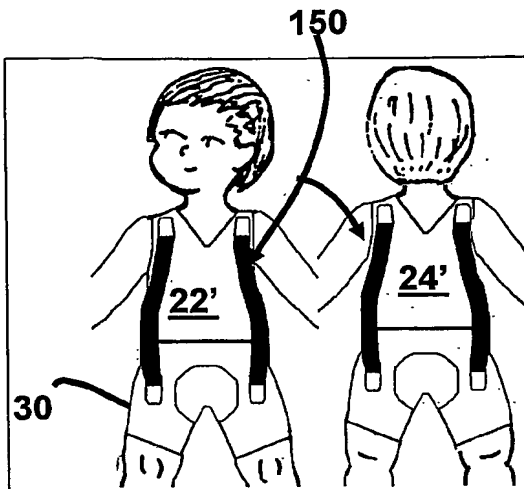
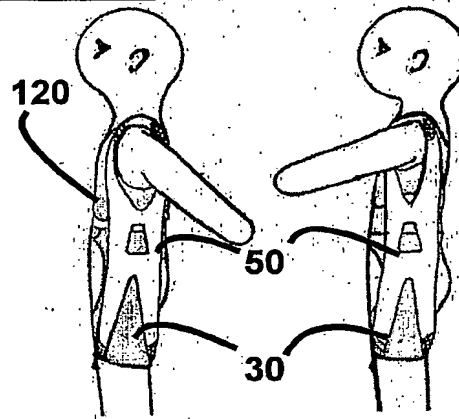
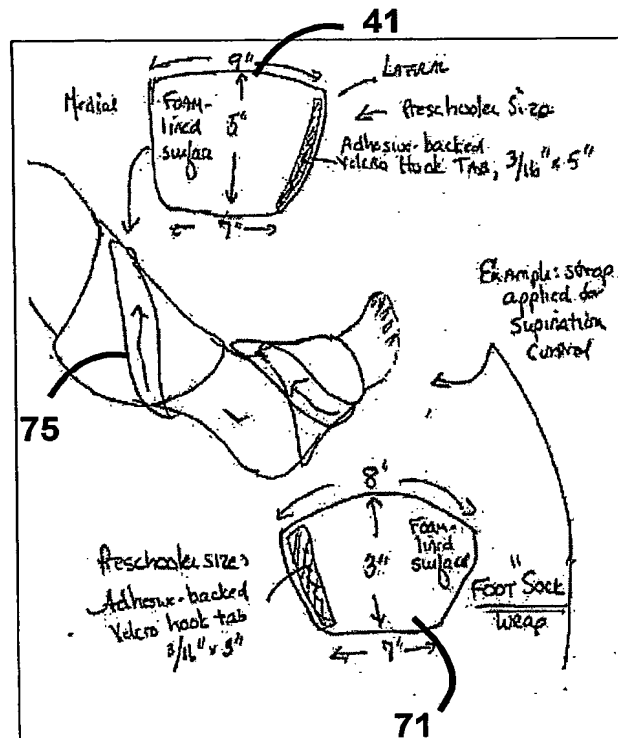
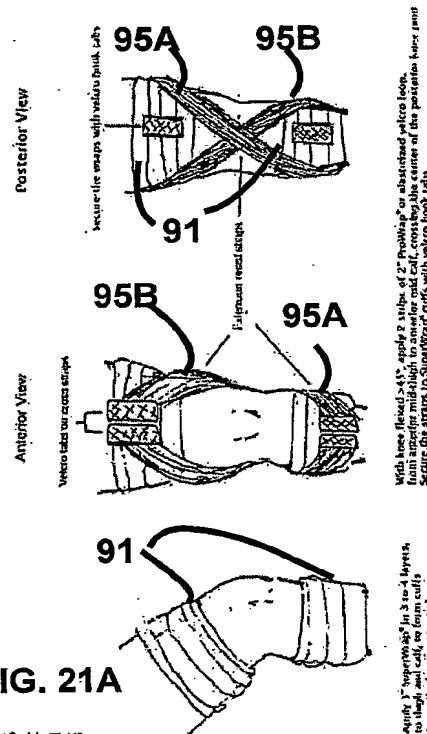


FIG. 17A and 17B

Anterior and Posterior Split Straps 50 with Compression Cap 45, for ataxia, neck muscle toning, resistance to all trunk and hip motions.

**FIG. 18A & 18B**

Split Straps: Bilateral Application to Provide Trunk/Hip Compression

**FIG. 19A & 19B** Lateral Split Strap Application**FIG. 20A (medial wrap), 20B (foot sock), 20C as applied with strapping****FIG. 21A****FIG. 21A (two limb wraps), 21B and 21C (front & back with straps) Knee Hyper Wrap**

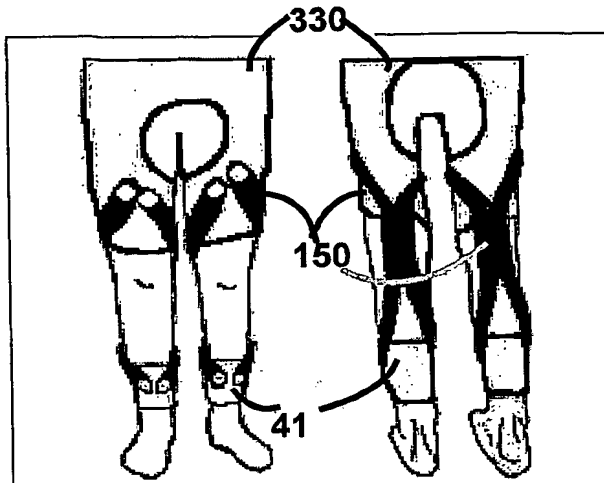


FIG. 22A and 22B -- Split Straps and Leg Cuffs for Knee Hyperextension and to Facilitate Knee Flexion

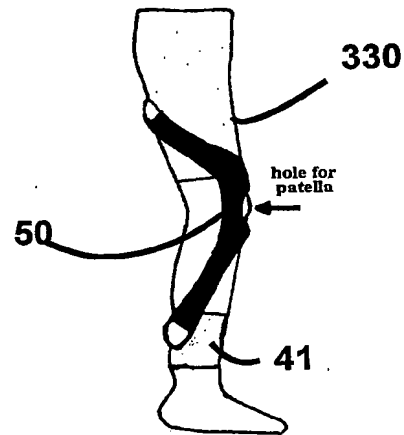


FIG. 23 Split Straps and Leg Cuffs to Facilitate Knee Extension

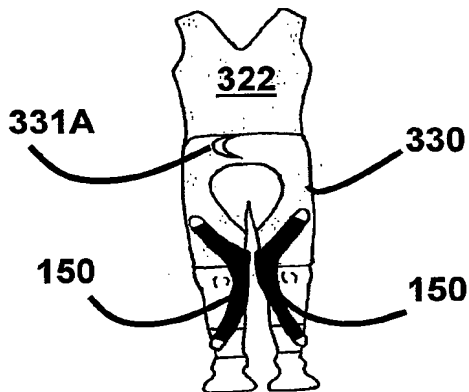


FIG. 24 Genu Valgum due to ligament laxity

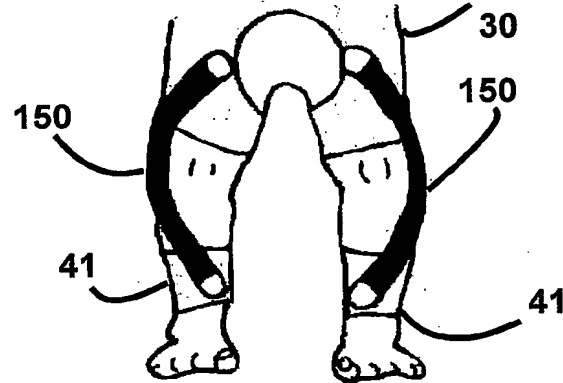


FIG. 25 Genu Varum due to ligament laxity

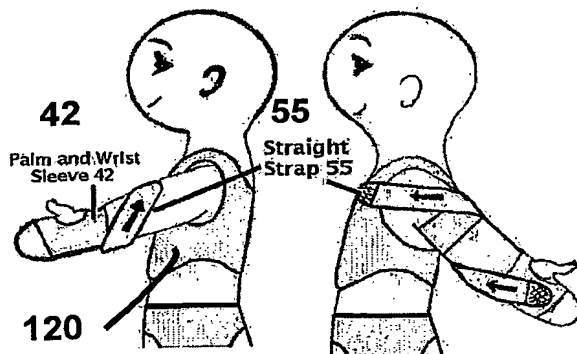


FIG. 26A and 26B Straight strap applied to resist extension at the shoulder, elbow, and wrist, and shoulder lateral rotation.

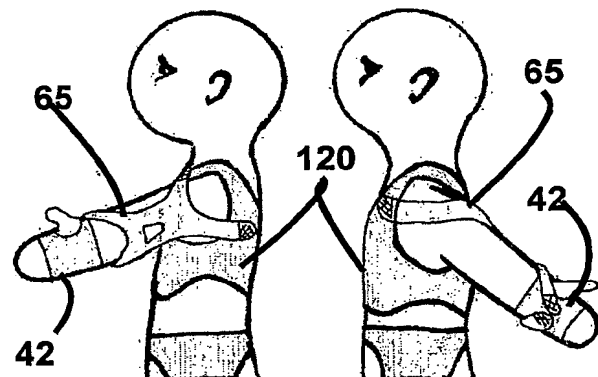


FIG. 27A and 27B Flex Strap #65 applied to Short Top #25 and Palm and Wrist Sleeve #42, to resist shoulder flexion and extension, and elbow and wrist flexion.

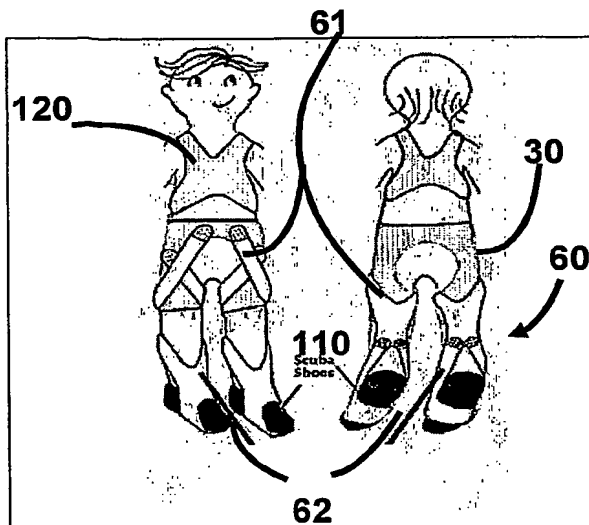


FIG. 28A and 28B Flex Strap 60 to apply resistance to hip and knee extension and ankle plantarflexion.

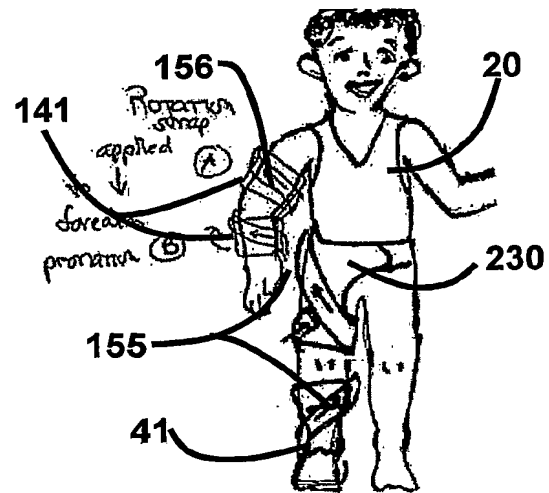
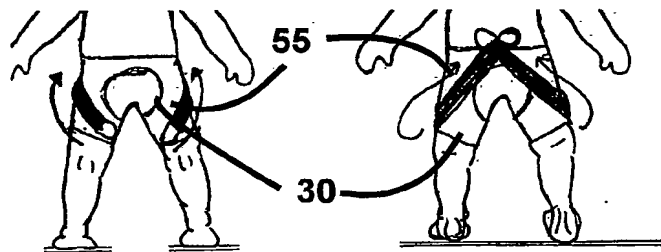


FIG. 29

TheraTogs™ Strapping to Facilitate Hip Extension



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FIG. 30A and 30B Straight Straps to Facilitate Hip Extension with Lateral Rotation.

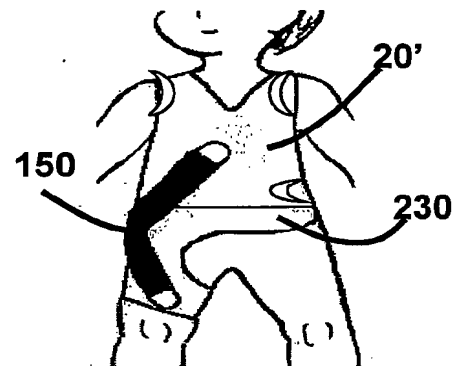


FIG. 31 Increase Hip Abduction and Stability, and to Reduce Scissor Gait front view of straps applied unilaterally.

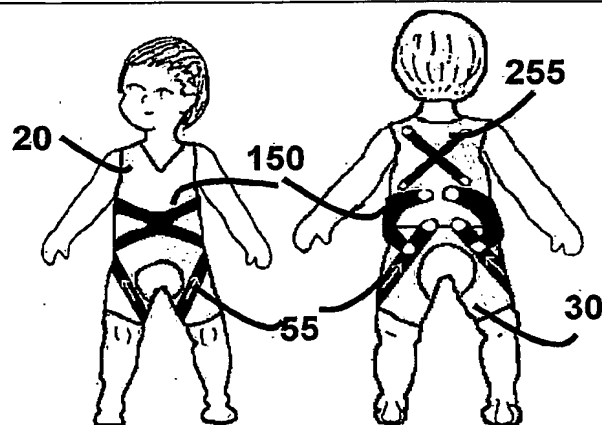


FIG. 32A and 32B Muscle Dominance - strapping to diminish recruitment of dorsal trunk, neck, and lower extremity musculature by helping to shift the anteriorly displaced weight line...

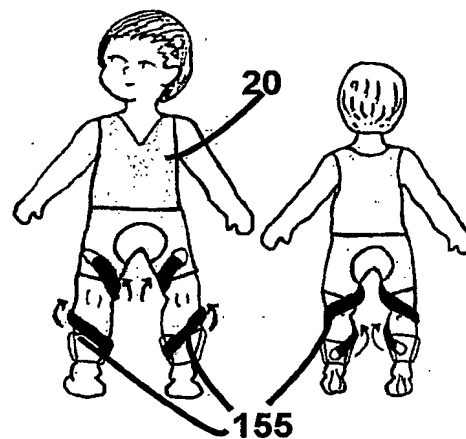


FIG. 33A and 33B Strapping to Reduce Excessive Medial Leg Rotation

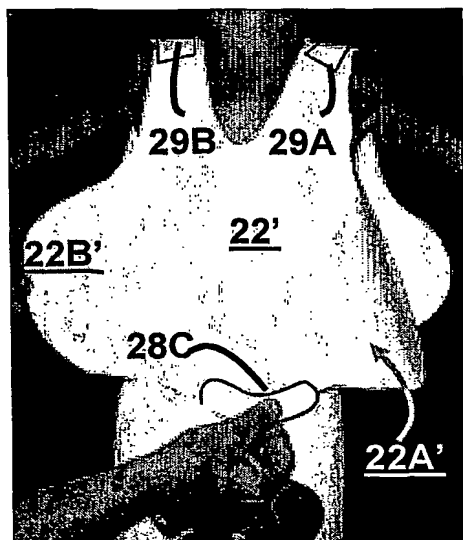


FIG. 34 Center front panel w/tab

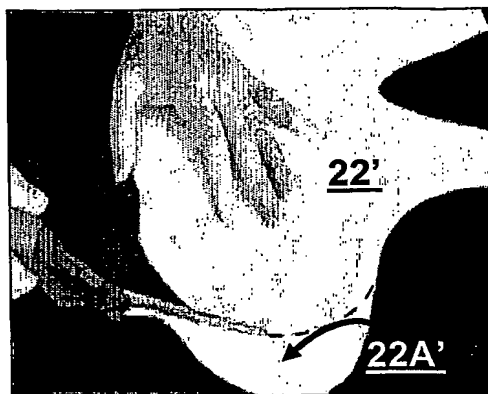


FIG. 35 Trim off excess fabric.

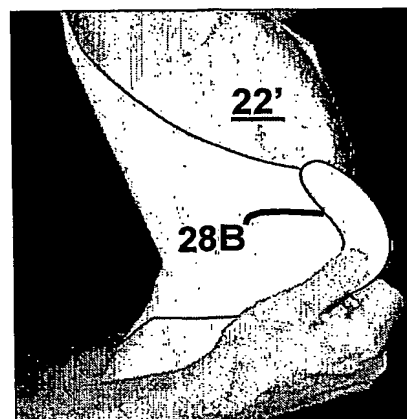


FIG. 36 Wrap front flow over the ribs smoothly, Wrap back flap over the front flap. Attach with a Banana tab.

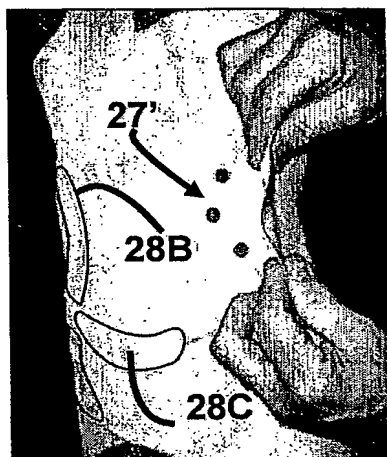


FIG. 37 Use marker dots or a marking pen to begin the home-training donning program.

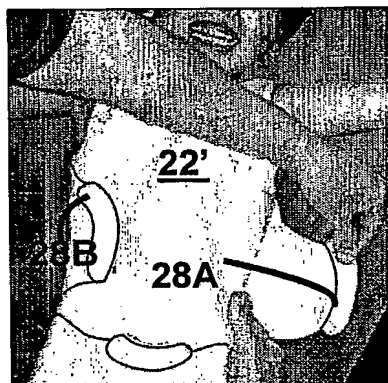


FIG. 38 Close the Tank Top by centering and securing the front panel on the Hipster waistband, then overlapping the rib flaps.

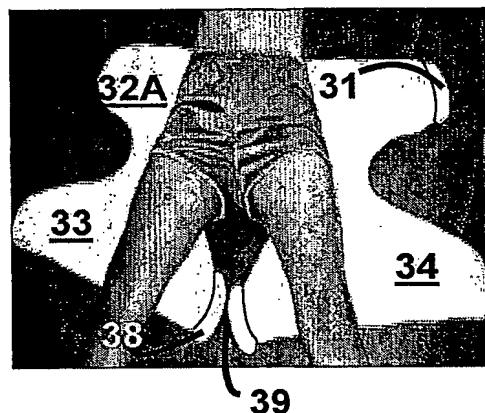


FIG. 39 To promote outward thigh rotation, wrap the outer flap first, then overlay the inside flap.

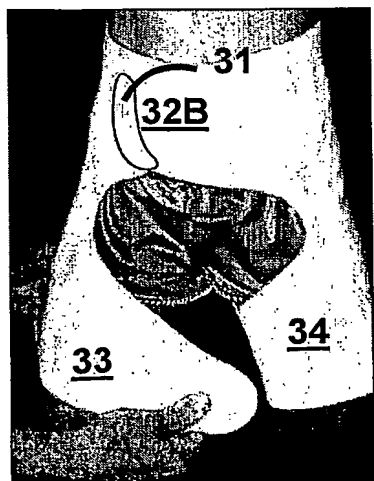


FIG. 40 Lay front flap over thigh without wrinkles or tension.

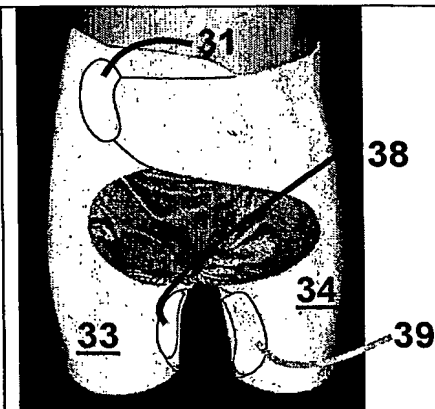


FIG. 41 Hipster (FRONT view) is comfortably snug, and ready for lateral rotation or other strapping.

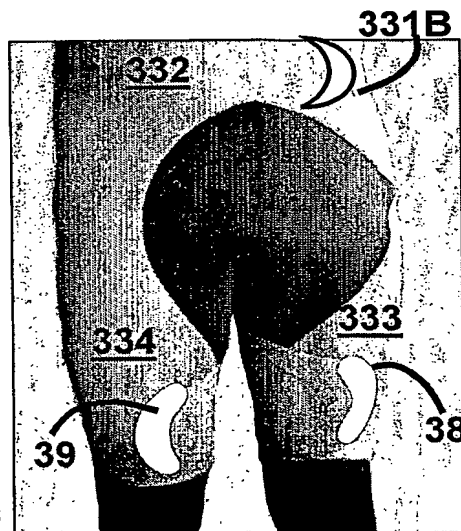


FIG. 42 BACK alternative hipster